Approved For Release 2009/07/23 : CIA-RDP82-00047R000100350005-6 CENTRAL INTELLIGENCE AGENCY INFORMATION REPORT DATE DISTR. 16 Apr 52 COUNTRY USSR 25X1 NO. OF PAGES 3 Characteristics of AT guns, Small Arms SUBJECT and Ammunition in Soviet Army NO. OF ENCLS. PLACE ACQUIRED SUPPLEMENT TO DATE REPORT NO. 25X1 ACQUIRED E DATE OF INF THIS IS UNEVALUATED INFORMATION

AT Guns

the following antitank guns in the Soviet Army:

the following antitank guns in the Soviet Army: 25X1 the 57 mm model 1943 ZIS (Zavod Imenyi Stalina), the 76 mm model 1942-43 ZIS, the 85 mm model 1949 ZIS and the 100 mm ZIS. The ZIS gun is everywhere, it seems, and I hear that there are many ZIS plants. The new 85 mm gun, gradually replacing the 76 mm gun which is used mostly in training, was made in 1949. 25X1 All gups from 57 mm 25X1 to 100 mm are used as AT weapons. Another, older, 82 mm AT gun, was on tank turrets. 25X1 unit used the 57 mm and the 76 mm antitank guns. Character-25X1 istics of the 57 mm antitank gun were 25X1

Range: 11,800 meters

Direct fire: 1,100 meters

Traverse: 54 degrees - 27 left and 27 right

Elevation: 30 degrees - plus 25 and minus five degrees

Effective fire: 100 - 8000 meters

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25X1 Leading: semi-automatic **mate of fire:** 25 unaimed, 15 direct shots per minute Weight: 1,150 kg Traction: Studebaker truck Width in motion: 144 cm Ground clearance: 34 cm Characteristics of the 76 mm ZIS 1942-43 were as follows: Range: 13,800 meters Direct fire: 800 meters Traverse: 54 degrees - 27 left and 27 right Elevation: 37 degrees - plus 30 and minus seven degrees Rate of fire: 20 unaimed, 10-12 direct shots per minute Weight: 1,250 kg Traction: Studebaker truck. 25X1 In other respects this gun is the same as the 57 mm. 25X1

Small Arms

3.

25X1 the Carbine 1938-30 these numbers signify: Model 1930, reconstructed in 19387, the caliber, 7.62. Its effective range is 800 to 1,200 meters It is a bolt gun and holds five cartridges. new carbine issued in the Soviet Union in 1951 which holds 25X1 10 cartridges. With it the best rifleman can fire 54 shots 25X1 per minute. The average shooting speed among the troops is 10 shots per minute. The PPSh (Pistolet Pulemet Shpagina) automatic 7.62 has an effective fire of 800 meters.

Rocket Launcher

the rocket launcher "Katyusha". There was an entire RS regiment, the 90th Regiment, 2nd Brigade, 9th Tank Division, Second Army, stationed in Oranienburg. Other regiments in the brigade were the 94th, the 96th and the 590th.

Ammunition

25X1

25X1

following AT ammunition used

25X1 (a) 57mm fragmentary shell (oskolochno-fugasnyy snaryad). had some symbols engraved on it (25X1 OF) (oskolochno-fugasnyy) numbers of the factory, and of the assembly plant; SV (svezhyy porokh - fresh powder). All shells had SV on them. Muzzle velocity: 720 meters per second.

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25X1

- (b) Armor-piercing shell (broneboynyy snaryad) 57mm.
 Symbola: BR (bronyeboynyy), Nos of factory and
 assembly plant, and SV. Muzzle velocity: 990 meters
 per second.
- (c) Subcaliber projectile (podkalibernyy snaryad) 57mm.
 Symbols: PK, (podkalibernyy), Nos of factory and
 assembly plant, and SV. This is considered the most
 effective shell. It is for war use only. The projectile
 is composed of two parts and the internal part is tipped
 with tungsten. Muzzle velocity: 1,270 meters per
 second. The projectile weighs about six kilograms. The
 casing is about 50 centimeters long, and the shell 20
 centimeters. Battery's unit of fire: 240 shells230 ordinary shells, and 10 subcaliber projectiles.

6. Small arms ammunition

25X1

- (a) 7.62mm carbine-1938. There are two kinds of cartridges issued: red-tipped and yellow-tipped. The red are bursting, and the yellow are igniting bullets.
- (b) 7.62mm PPSh (Pistolet Pulemet Shpagina) SMG, invented by Shpagin. Date of cartridge manufacture ranges from 1940-1943.
- (c) 7.62mm TT pistol. Eight cartridges in the magazine.

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